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This listing of the claims replaces all prior versions in the application.

**Listing of Claims:**

1. (Currently Amended) A semiconductor device comprising:
  - an interlayer dielectric layer disposed on a semiconductor substrate;
  - a buried contact plug extending a distance through the interlayer dielectric to be in electrical communication with a predetermined region of the semiconductor substrate;
  - an oxidation barrier pattern disposed on a top surface of the buried contact plug;
  - a lower electrode disposed on the oxidation barrier pattern, wherein the lower electrode has a cross-sectional shape that includes spaced apart extending parts defining an inner cavity portion with a closed bottom surface and an upper portion therebetween, wherein a top surface area of the oxidation barrier pattern is substantially equal to a bottom surface area of the lower electrode, wherein the lower electrode includes an external sidewall and the oxidation barrier pattern includes a sidewall, and wherein the lower electrode external sidewall and the oxidation barrier pattern sidewall are aligned in a substantially straight line; and
  - a dielectric film disposed over the lower electrode sidewalls, wherein the dielectric film conforms to the lower electrode sidewall and the oxidation barrier sidewall in a substantially straight line orientation.
2. (Original) The semiconductor device of claim 1, wherein the oxidation barrier pattern comprises conductive metal nitride.
3. (Original) The semiconductor device of claim 1, wherein the lower electrode comprises a noble metal and/or a conductive compound containing a noble metal.
4. (Canceled)
5. (Currently Amended) The semiconductor device of claim 1, further comprising: an upper electrode disposed over the lower electrode with the dielectric film interposed between the

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lower electrode and the upper electrode to thereby provide a capacitor, wherein the oxidation barrier pattern is coextensive with a bottom of a respective lower electrode.

6.(Original) The semiconductor device of claim 5, wherein the dielectric film is made of a material having a higher dielectric constant than oxide-nitride-oxide (ONO).

7.(Original) The semiconductor device of claim 5, wherein the dielectric film comprises a ferroelectric substance.

8.(Original) The semiconductor device of claim 5, wherein the upper electrode is made of at least one noble metal and/or a conductive compound containing a noble metal.

9.(Original) The semiconductor device of claim 1, in combination with a transistor connected to the oxidation barrier pattern to provide a memory cell.

10. (Original) A method for fabricating a semiconductor device, comprising:  
forming an oxidation barrier pattern and a capping layer pattern which are sequentially stacked on a semiconductor substrate;  
encasing exposed surfaces of the capping layer pattern with a mold insulating layer so that the mold insulating layer extends a distance above the capping layer pattern and between adjacent capping layer patterns, the mold insulating layer material having an etch selectivity with respect to the capping layer pattern material;  
planarizing the mold insulating layer until a top portion of the capping layer pattern is exposed;  
removing the capping layer pattern to form a lower electrode recess exposing substantially an entire top surface of the corresponding underlying oxidation barrier pattern; and  
forming a lower electrode about inner surfaces of the lower electrode recess,  
wherein the capping layer pattern is made of a material having an etch selectivity with respect to the oxidation barrier pattern material.

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11.(Original) The method of claim 10, wherein before formation of the oxidation barrier pattern and the capping insulating layer pattern onto the semiconductor substrate, the method comprises:

disposing an interlayer dielectric and an etch-stop layer over the semiconductor substrate so that the interlayer dielectric is closer the semiconductor substrate; and

positioning a buried contact plug so that the contact plug extends through the etch-stop layer and the interlayer dielectric film to be in electrical communication with a predetermined region of the semiconductor substrate,

wherein a top surface of the buried contact plug is adapted to contact a predetermined region of a bottom side of the oxidation barrier pattern, and wherein the etch-stop layer is made of an insulating material having an etch selectivity with respect to the mold insulating layer material.

12.(Original) The method of claim 10, wherein the oxidation barrier pattern comprises conductive metal nitride.

13.(Original) The method of claim 10, wherein the capping layer pattern comprises silicon nitride.

14. (Original)The method of claim 10, wherein the mold insulating layer comprises silicon oxide.

15. (Original)The method of claim 10, wherein the formation of the lower electrode comprises:

conformably forming a lower electrode layer on an exposed portion of the stacked semiconductor substrate including the inner surfaces of the lower electrode recess;

forming a sacrificial insulating layer on the lower electrode layer to fill the lower electrode recess; and

planarizing the sacrificial insulating layer and the lower electrode layer down to a top portion of the mold insulating layer to form a lower electrode in the lower electrode recess.

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16.(Original) The method of claim 10, wherein the lower electrode comprises at least one noble metal and/or conductive compound containing a noble metal.

17.(Original) The method of claim 16, after formation of the lower electrode, the method further comprises:

etching the molding insulating layer to be removed; and  
sequentially stacking a dielectric film and an upper electrode on an upper surface of the lower electrode.

18.(Original) The method of claim 17, wherein the dielectric film has a higher dielectric constant than oxide-nitride-oxide (ONO).

19.(Original) The method of claim 17, wherein the dielectric film comprises a ferroelectric substance.

20. (Original) The method of claim 17, wherein the upper electrode comprises a noble metal and/or a conductive compound containing a noble metal.

Claims 21-32 (Canceled)

33. (Previously Presented) A method for fabricating a semiconductor device with a plurality of MIM capacitors in unit cells of an integrated circuit memory device, comprising:  
forming an oxidation barrier pattern on a semiconductor substrate; and  
forming a lower electrode disposed on the oxidation barrier pattern so that a top surface area of the oxidation barrier pattern is substantially equal to a bottom surface area of the lower electrode,

wherein the lower electrode forming step comprises:  
forming a layer on the oxidation barrier pattern, the layer having a recess with a bottom that is sized to be substantially coextensive with a top surface of the oxidation barrier pattern; and

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applying a conductive layer in the recess to thereby form the lower electrode.

34. (Previously Presented) A method for fabricating a semiconductor device with a plurality of MIM capacitors in unit cells of an integrated circuit memory device, comprising:

- forming an oxidation barrier pattern on a semiconductor substrate;
- forming a lower electrode disposed on the oxidation barrier pattern so that a top surface area of the oxidation barrier pattern is substantially equal to a bottom surface area of the lower electrode;
- forming an interlayer dielectric layer on the semiconductor substrate prior to forming the oxidation barrier pattern;
- placing a contact plug in the interlayer dielectric layer so that it extends a distance through the interlayer dielectric to be in electrical communication with a predetermined region of the semiconductor substrate prior to forming the oxidation barrier pattern; and
- forming an etch stop layer over the interlayer dielectric layer prior to forming the oxidation barrier pattern.

Claim 35 (Canceled).

36. (Currently Amended) A semiconductor device according to Claim 1, wherein the lower electrode has a generally cylindrical shape with ~~a closed bottom surface~~, the closed bottom surface disposed on and coextensively with the oxidation barrier pattern, wherein the dielectric film defines a continuous surface between an upper electrode and the lower electrode and conformably resides against the surfaces defining the cavity of the lower electrode, and wherein a portion of the upper electrode fills the cavity of the lower electrode.

37. (Currently Amended) A semi-conductor device according to Claim 1, wherein, ~~in cross-section, the lower electrode~~ the spaced apart extending parts are configured as comprises two substantially parallel spaced apart upwardly extending sidewalls ~~with an open upper portion and a closed bottom surface, the closed bottom surface residing on the oxidation barrier pattern.~~

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38. (Previously Presented) A method according to Claim 15, wherein the lower electrode is formed into a substantially cylindrical shape with a closed bottom surface that resides on the oxidation barrier pattern.

Claims 39-43 (Canceled)

44. (Currently Amended) A method according to Claim 33, ~~herein~~ wherein the forming the lower electrode step comprises forming the lower electrode to have a generally cylindrical shape with a closed bottom surface, the closed bottom surface disposed on the oxidation barrier pattern.

45. (Previously Presented) A method according to Claim 33, wherein the forming the lower electrode step comprises forming the lower electrode to have, in cross-section, two substantially parallel spaced apart upwardly extending sidewalls with an open upper portion and a closed bottom surface with the closed bottom surface residing on the oxidation barrier pattern.